Datasheet for ABIN7591144

MASP2 Protein (AA 20-685) (His tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	MASP2
Protein Characteristics:	AA 20-685
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MASP2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	S KWPEPVFGRL VSLGFPEKYG NHQDRSWTLT APPGFRLRLY FTHFNLELSY RCEYDFVKLT SGTKVLATLC GQESTDTERA PGNDTFYSLG PSLKVTFHSD YSNEKPFTGF EAFYAAEDVD ECRTSLGDSV PCDHYCHNYL GGYYCSCRVG YILHQNKHTC SALCSGQVFT GRSGFLSSPE YPQPYPKLSS CAYNIRLEEG FSITLDFVES FDVEMHPEAQ CPYDSLKIQT DKREYGPFCG KTLPPRIETD SNKVTITFTT DESGNHTGWK IHYTSTAQPC PDPTAPPNGH ISPVQATYVL KDSFSVFCKT GFELLQGSVP LKSFTAVCQK DGSWDRPIPE CSIIDCGPPD DLPNGHVDYI TGPEVTTYKA VIQYSCEETF YTMSSNGKYV CEADGFWTSS KGEKSLPVCK PVCGLSTHTS GGRIIGGQPA KPGDFPWQVL LLGETTAAGA LIHDDWVLTA AHAVYGKTEA MSSLDIRMGI LKRLSLIYTQ AWPEAVFIHE GYTHGAGFDN DIALIKLKNK VTINRNIMPI CLPRKEAASL MKTDFVGTVA GWGLTQKGFL ARNLMFVDIP IVDHQKCATA YTKQPYPGAK VTVNMLCAGL DRGGKDSCRG DSGGALVFLD NETQRWFVGG IVSWGSINCG GSEQYGVYTK VTNYIPWIEN IINNF
Specificity:	Rattus norvegicus (Rat)

Product Details

Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	MASP2
Alternative Name:	Mannan-binding lectin serine protease 2 (Masp2) (MASP2 Products)
Background:	Recommended name: Mannan-binding lectin serine protease 2. EC= 3.4.21.104. Alternative name(s): MBL-associated serine protease 2 Mannose-binding protein-associated serine protease 2. Short name= MASP-2 Cleaved into the following 2 chains: 1. Mannan-binding lectin serine protease 2 A chain 2. Mannan-binding lectin serine protease 2 B chain
UniProt:	Q9JJS8
Pathways:	Complement System

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized

Handling

Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.